

ApxIA	MANSQLDRVKGGLIDSLNQHTKSAAKSGAGALKNGLGQV----KQAGQKLILYIPKDYQAS	56
ApxIIA	MSKITLSSLKSSLQQGLKNGKNKLNQAGTTLKNGLTQTGHSILQNGAKKLILYIPQGYDSG	60
	*:: * . :*. :.. : : * . :... :***** * . :...:*****:..*:..	
ApxIA	TGSSLNDLVKAALGIEVHRSEKNGTALAKELFGTTEKLLGFSERGIALFAPQFDKLLN	116
ApxIIA	QGNGVQDLVKAANDLGIEVWREERSNLDIAKTSFDTTQKILGFTDRGIVLFAPQLDNLLK	120
	*..:*****: ***** *.*:.. :** *.*:.*:***:***.*****:.*:***:	
ApxIA	KNQKLSKSLGGSSEALGQRNLNTOTALQSFLGTIAAGMDLDSLLRRRRNGEDVSGSE	176
ApxIIA	KNPKIGNTLG-SASSISQNIGKANTVLGGIQSILGSVLSGVNLNELLQNK---DPNQLE	175
	** *.:*** *.:..*.:.**:.*..:***:***:..:***:..:***:.. *	*
ApxIA	LAKAGVDLAAQLVDNIASATGTVDFAEQLGKLAMPYLTIA-LSGLASKLNNLPDLSLAG	235
ApxIIA	LAKAGLELTNELVGNIASVQTVDFAEQISKLGSHLQNVKGGLGSNKLNQNLPDLSKAS	235
	*****:.*: :***.****:.. *****:..**. .. *.*:.*:*****. *	
	H1	
ApxIA	PGFDAVSGILSVVSASFILSNKDADAGTKAAAGIEISTKILGNIGKAVSQYIIAQRVAAG	295
ApxIIA	LGLDIISGLLSGASAGLILADKEASTEKKAAAGVEFANQIIGNVTAVSSYILAQRVASG	295
	** * :**;** .**.:**;*:.. .*****:***:..:***; ***.**:*****:*	
	H2	
ApxIA	LSTTAATGGLIGSVVALAISPLSFLNVADKFRAKQLEQYSERFKFGYEGDSLLASFYR	355
ApxIIA	LSSTGPVAALIASTVALAVSPLSFLNVADKFQADLIKYSERFQKLYGDRLLADFHR	355
	:***.**.*****:*****:..*. ..*****:***:***:***.**:*	
	H3	
ApxIA	ETGAIEAALTINSVLSARSAGVGAATGSLVGAPVAALVSAITGIISGILDASKQAIFE	415
ApxIIA	ETGTIDASVTTINTALAAISGGVGAASAGSLVGAPVALLVAGVTGLITTILEYSKQAMFE	415
	::***:..*: * .****:*****:*****:***:..:***:***: ***:***	
ApxIA	RVATKLANKIDEWEKKHGKNYPENGYDARHSAFLEDTFELLSQYNKEYSVERVVAITQQR	475
ApxIIA	HVANKVHDRIVEWEKKHINKNYFEQGYDSRHLADLQDNMKFLINLNKELQAERVVAITQQR	475
	:***.*: :** ****:*****:*****:***:*** * :*** ..*****:*****	
ApxIA	WDVNIGELAGITRKGSDTKSGKAYVDFEEGKLLEKEPDRFDKVFDPLEGKIDLSSIN-	534
ApxIIA	WDNQIGDLAAISRRTDKISSGKAYDAFEEGQHQSYDSS---VQLDNKNGIINISNTNR	531
	** :***:***.*:.. .*****:*****: .. :* :* :***:.. *	
ApxIA	KTTLLKFVTPVFTAGEEIRERKQTGKYQYMTIELFKGKEKWVVTGVQSHNAIYDYNLIQ	594
ApxIIA	KTQSVLFRTPLLTPGEENRERIPEGKNSYITKLHICRQVDSWTVDGDAS-SSVDFTNVVQ	590
	** : * ***:***.***:*** * ** .*:***:.. : ..***. : : *:***:*	

Fig. 1

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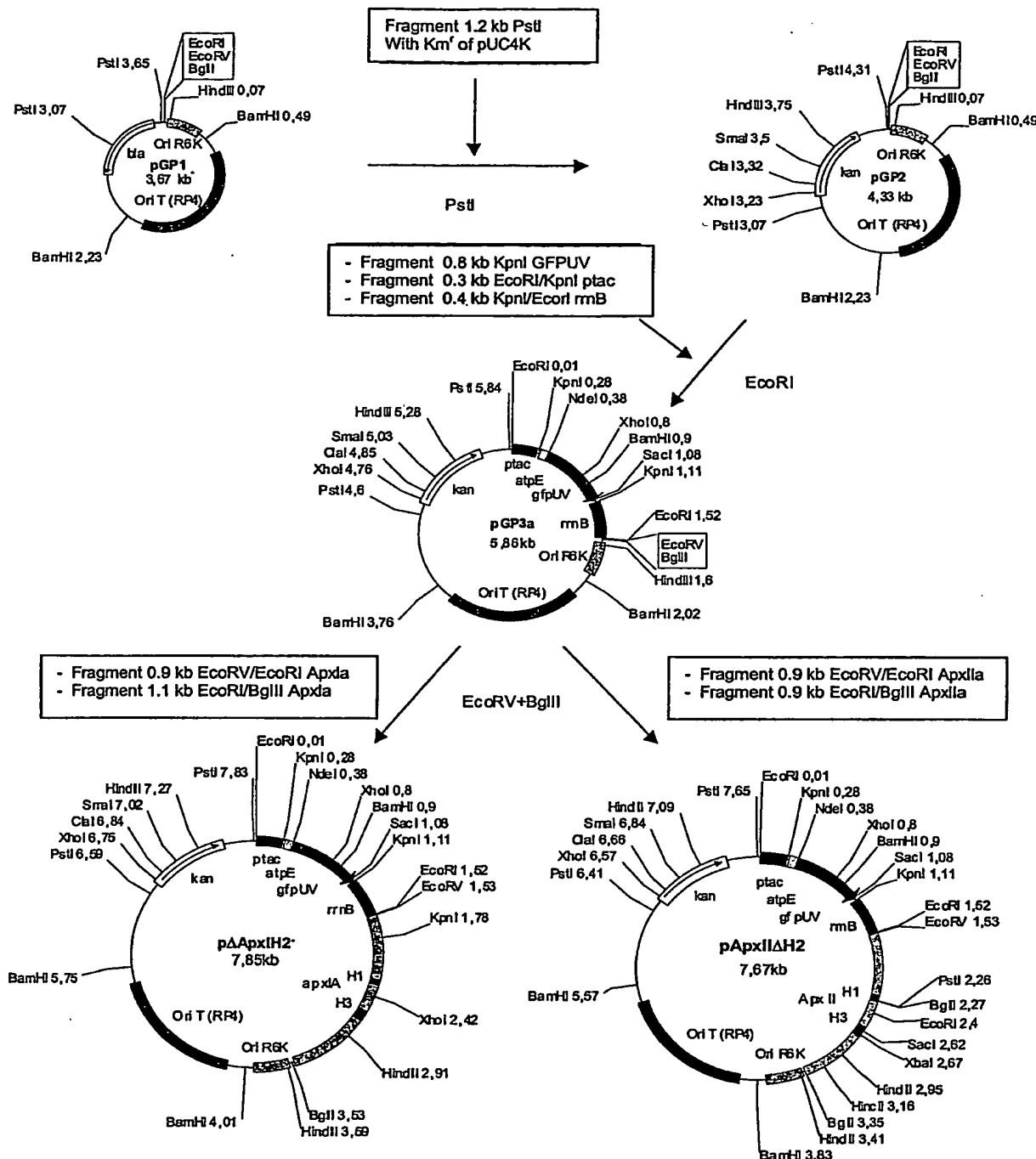
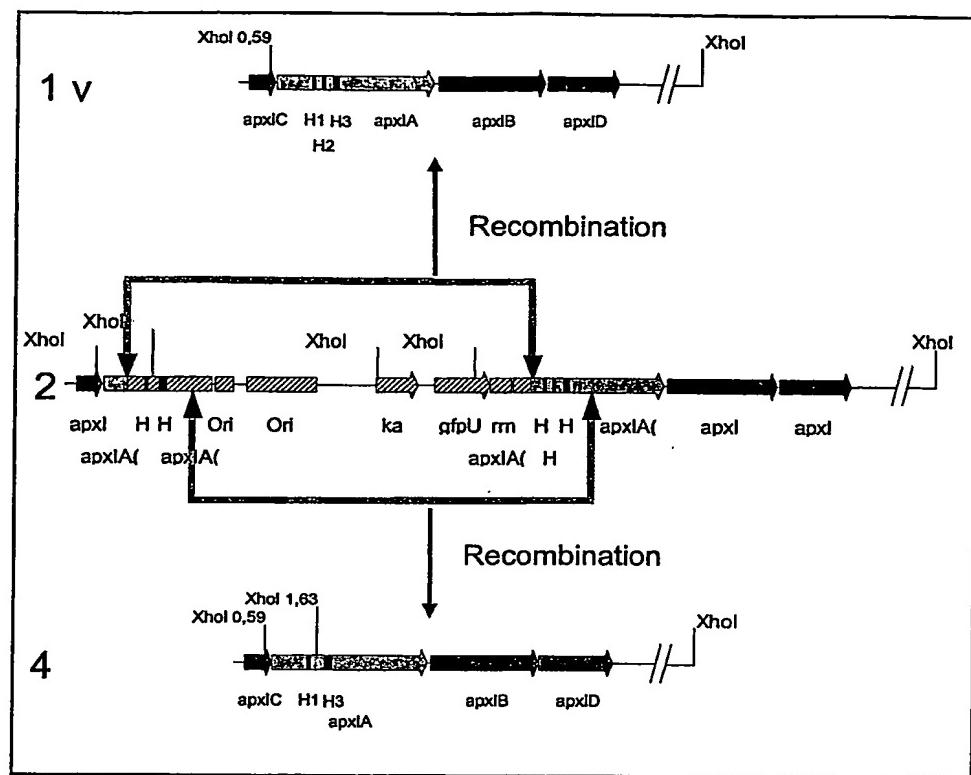
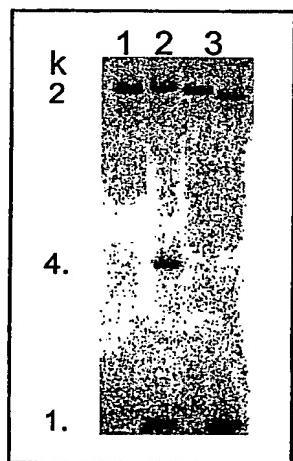


Fig. 2

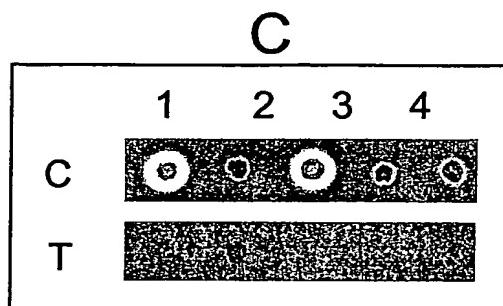
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B



A



C

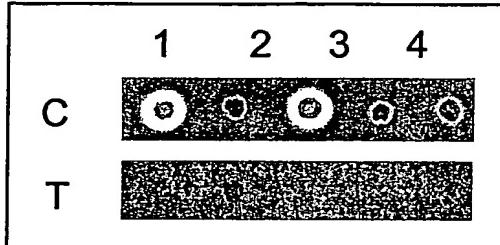


Fig. 3

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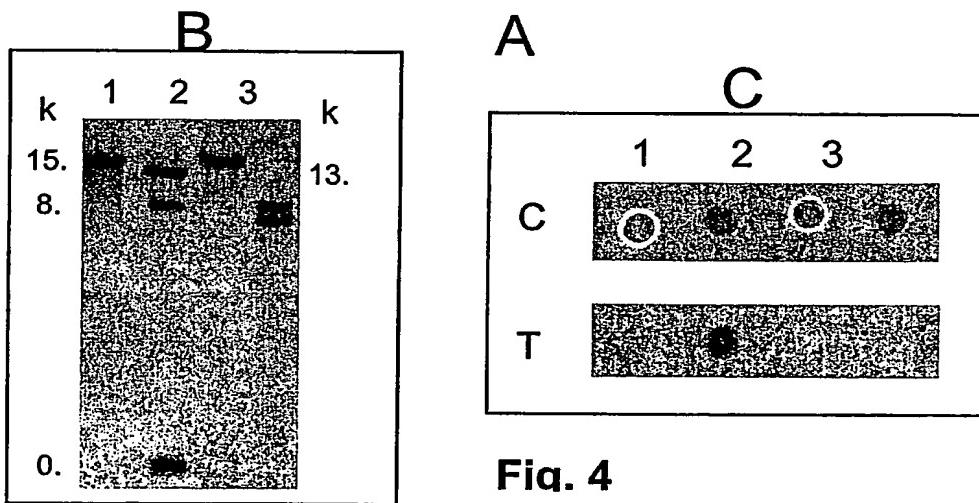
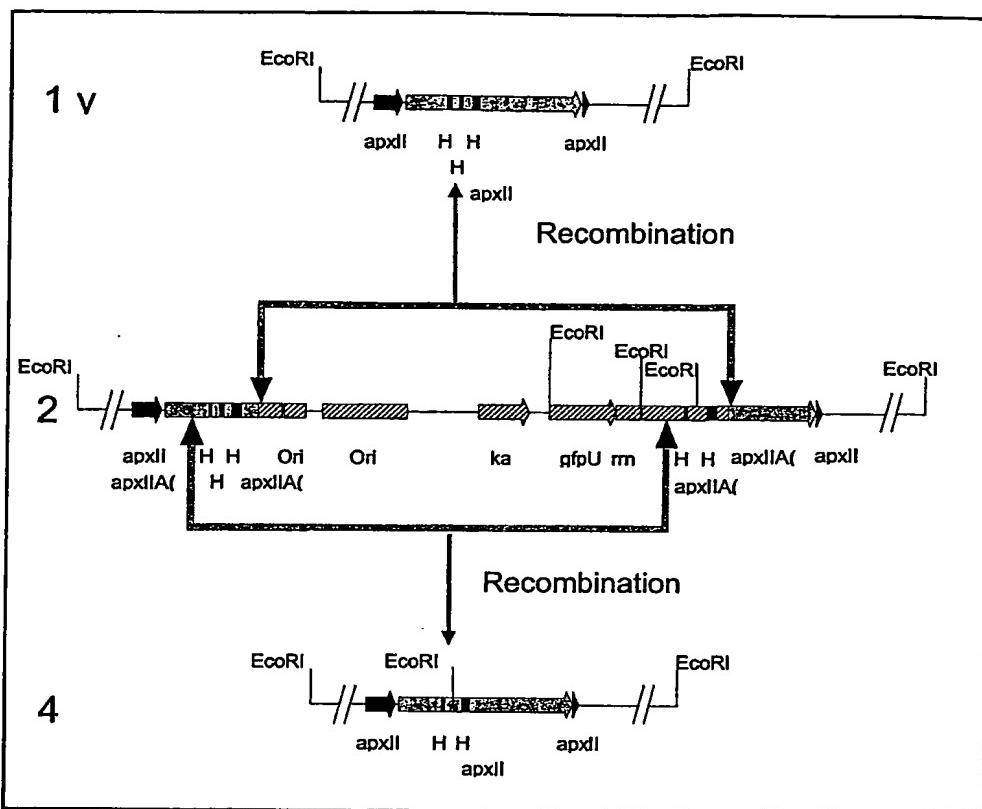


Fig. 4

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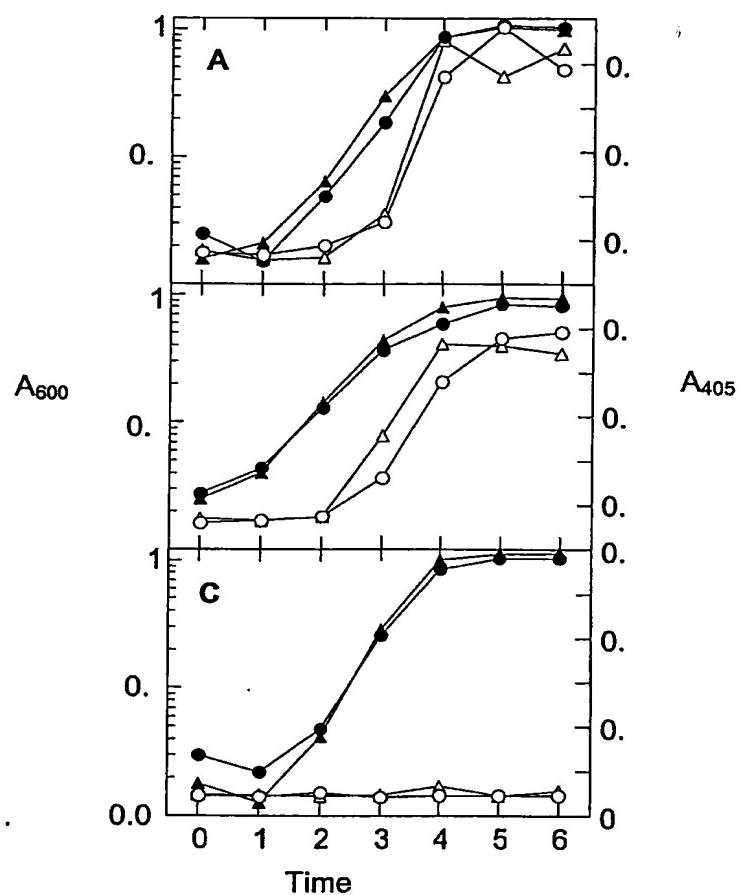


Fig. 5

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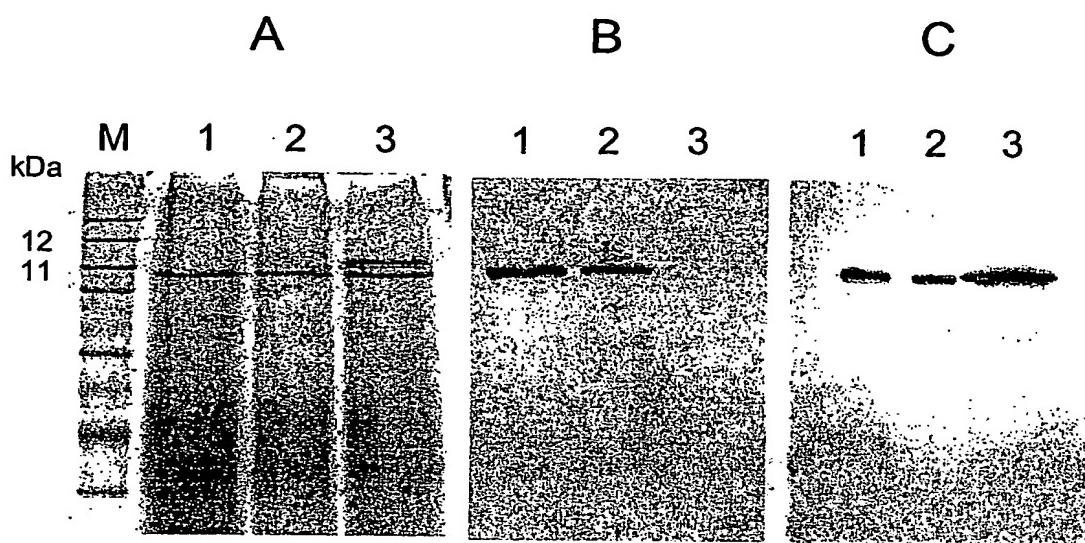


Fig. 6

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